

Soil gas S  
Soil E S  
Water X

5 20  
**FINDINGS OF FACT**  
**November 25, 1997**

SFUND RECORDS CTR  
95446

Johnson Controls, Inc.  
315 South Seventh Avenue,  
City of Industry,  
California, 91745  
File No. 102.0058

Contact: Mr. George Mileskiy  
Director of Environmental Services  
Johnson Controls, Inc.  
49200 Halyard Drive, Plymouth,  
Michigan, 48170  
(313) 454-7941

**BACKGROUND:**

Johnson Controls, Inc., manufactures plastic beverage containers. This site was inspected by Regional Board staff on July 14, 1987 and placed on abeyance pending correction of the problems. The inspection found an industrial waste clarifier and spilled oily waste at the loading dock/compressor area. The site was re-inspected on October 31, 1990, and was found out of compliance with Regional Board directives. Oily waste had spread across the paving from a fenced chemical storage area at the north side of the facility creating a large oily apron. Regional Board staff also observed continued waste water discharge from three drains that had flowed into a central drain, located in the center of the parking lot. From this point, waste water flowed directly into the storm drain. The Regional Board directed Johnson Controls on November 28, 1990, to conduct a subsurface soil investigation to determine what impact the release(s) may have had on the soil. Johnson Controls ceased manufacturing in 1995, and only uses the facility for limited storage.

The workplan submitted to the Regional Board was approved on February 28, 1991. The ensuing report dated September 11, 1991, documented petroleum and VOC impacted soil to depths at 10-feet below ground surface (bgs). The report noted VOCs in the industrial waste clarifier. A follow-up soil gas survey was requested to assess the floor drains, sumps, chemical storage and compressor room areas. This limited soil gas survey was completed in February 1997.

**SOIL GAS DATA:**

A soil gas survey completed in March 1993, involving 17 shallow soil vapor samples from as deep as 15-feet bgs found peak concentrations of 47 µg/L PCE, 30.6 µg/L 1,1,1-TCA, 10.6 µg/L 1,1-DCA, and 0.6 µg/L TCE in probe SG-1 at 5-feet bgs, installed near the former compressor area. Deeper profiling found trace to non-detect levels of VOCs. It is believed that the low concentrations of TCA, TCE, and DCA may be derived from the degradation of PCE or from impurities. In 1997, a more localized soil gas survey was performed at various depths to 20-feet bgs. Most readings were non-detect, but some minor VOCs detections showed peak concentrations of PCE at 2.8 µg/L (SV-12 @ 15-feet bgs), 1,1-DCE at 0.6 µg/L (SV-13 & SV-21 @ 10-feet bgs) and 1,1,1-TCA at 1.4 µg/L (SV-11 @ 15-feet bgs).

**SOIL MATRIX DATA:**

During March 1991, a total of 27 soil matrix samples were collected from 10 boreholes drilled to a maximum depth of 10-feet bgs over several areas of the facility. Peak VOC concentrations detected were 257 µg/kg of PCE at 1-foot bgs, and 91 µg/kg of 1,1,1-TCA at 1-foot bgs. In addition, up to 68 µg/kg of TRPH was detected.

**CLARIFIER SLUDGE DATA:**

Sampling the clarifier sludge in March 1991, detected 25,100 mg/kg TRPH, and only 12 µg/kg of 1,1,1-TCA. A majority of VOCs tested for were not detected. Clarifier water was non-detect for VOCs and BTEX.

**GROUNDWATER DATA:**

Saturated conditions were not encountered in the borings. Groundwater is anticipated to occur between 20 and 40 feet bgs. No groundwater investigation was conducted.

**ENFORCEMENT HISTORY:**

A warning was issued to Johnson Controls in a Regional Board letter dated November 28, 1990, about the unpermitted discharges of waste water into the storm drain.

**CONCLUSION:**

This site had poor house-keeping practices and several significant spills in its history. Subsurface data confirms that the releases had an impact on the shallow vadose zone. The rapid drop off of soil gas and soil matrix VOC concentrations suggests that there is no clearly defined track to groundwater. Though shallower placed probes at 15-feet found minor to trace amounts of VOCs, no VOCs were detected in the soil gas at 20-feet bgs in SV-14 which was in close proximity. Therefore, the Regional Board issued a "no further requirements" letter on May 29, 1997.

OC Reviewed 1/21/98

**San Gabriel Valley Superfund Site  
Puente Valley Operable Unit**

**DRAFT**

**ENFORCEMENT CONFIDENTIAL  
DO NOT RELEASE**

Johnson Controls, Inc.  
315 South Seventh Avenue  
City of Industry

CA 91745

RWQCB File No.: 102.0058

Finding of Fact Date: 11/25/1997

Projected Status: need more info

**CHEMICAL USED:** Unknown (none documented)

**SITE SUMMARY:**

**NOTES:**

PRP Company Name/Representative	Address	Type
Johnson Controls, Inc.	49200 Halyard Drive	Operator
George Mileskiy, Dir. Environ.	Plymouth MI 48170	

Soil

1,1,1-TCA was found at 1 ft. bgs and PCE was found at 1 ft. bgs (3/91)

Soil / FAS (3/93)

DCA was found from 10 to 15 ft. bgs., 1,1-DCA was found from 5 to 15 ft. bgs., PCE was found from 10 to 15 ft. bgs., 1,1-DCE was found from 10 to 15 ft. bgs., TCA was found from 5 to 15 ft. bgs., 1,1,1-TCA was found from 5 to 15 ft. bgs., TCE was found at ~~at~~ 5 ft. bgs., and PCE was found from 5 to 15 ft. bgs. groundwater

No groundwater data available

(over)

**ACRONYMS:** RWQCB - Regional Water Quality Control Board  
PRP - Potential Responsible Party  
DCA - Dichloroethane  
DCE - Dichloroethene  
TCA - Trichloroethane

PCE - Perchloroethene  
TCE - Trichloroethene  
bgs - below ground surface  
µg/Kg - micrograms per kilogram  
µg/L - micrograms per liter

Notes: No granular detritus visible no wells  
soil interbedded. PCE only detected in soil  
to 1 foot 6 in. Low levels of PCE and PCB  
in soil. A few low levels of PCB and PCE  
in Cretaceous Shale. Without more  
information ~~that~~ Johnson Controls are not  
likely PCE

# Summary of Sample Results

DRAFT

ENFORCEMENT CONFIDENTIAL  
DO NOT RELEASE

Johnson Controls, Inc.

Shallowest Depth To Groundwater (feet bgs) = 20

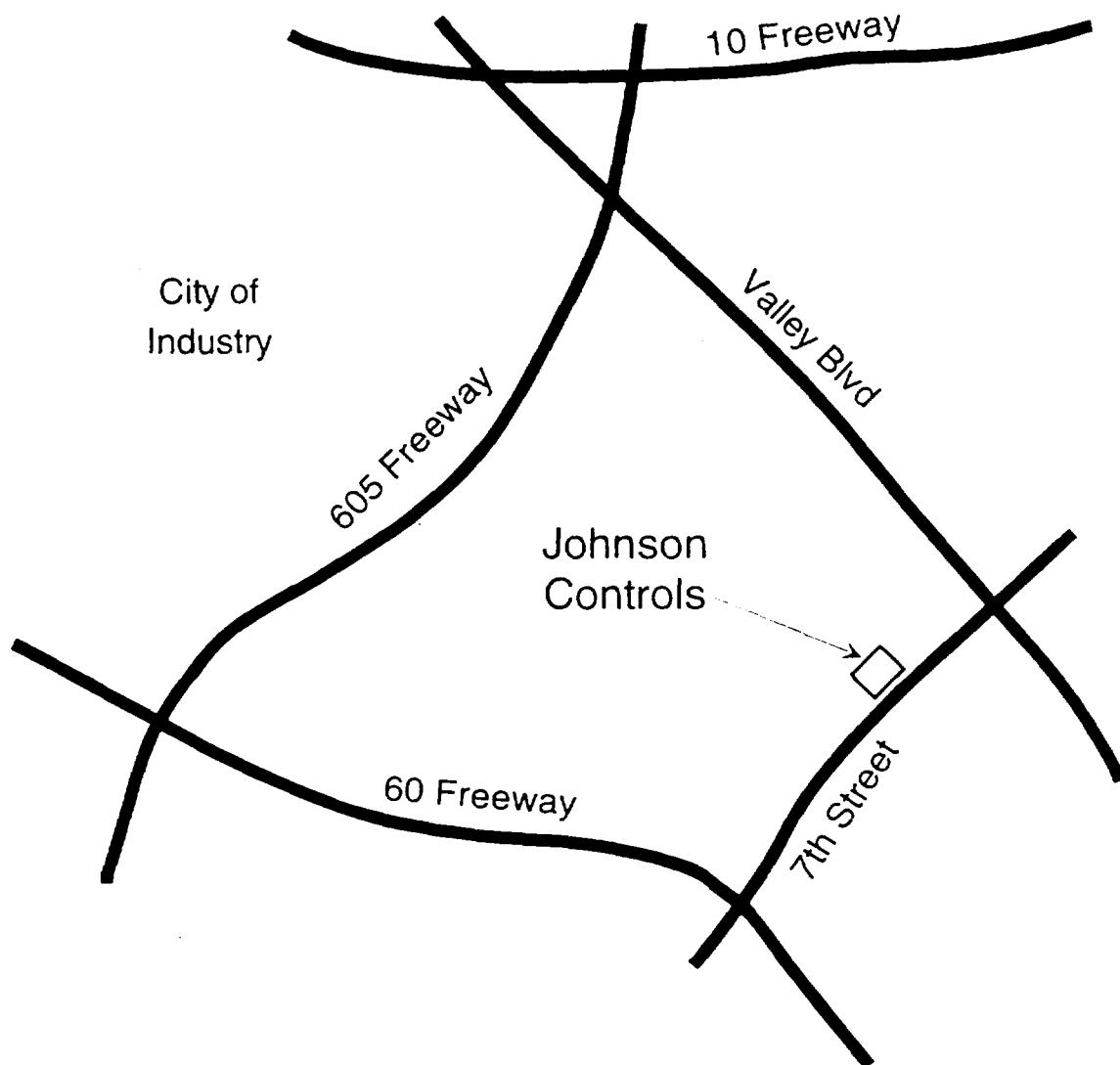
Matrix	Depth	Date	DCA	1,1-DCA	DCE	1,1-DCE	1,2-DCE	cis 1,2-DCE	t-1,2-DCE	TCA	1,1,1-TCA	TCE	PCE	
Soil	Concentration ( $\mu\text{g}/\text{Kg}$ )													
	1.0			ND		ND				ND		91	ND	257
	2.0			ND		ND				ND		ND	ND	ND
	5.0			ND		ND				ND		ND	ND	ND
	10.0			ND		ND				ND		ND	ND	ND
Soil Gas	Concentration ( $\mu\text{g}/\text{L}$ )													
	5.0		ND	10.6	ND	ND				0.7	30.6	0.6	47.1	
	10.0		0.9	0.9	0.9	0.6				2.5	0.8		3.6	
	15.0		1.4	1.4	0.6	0.6				1.4	1.4	ND	2.8	
	20.0		ND	ND	ND	ND				ND	ND		ND	

Clarifier Sludge  $\mu\text{g}/\text{kg}$  ND ND ND ND ND 12 ND ND

Data Criteria: Soil and soil gas results listed above represent only the highest concentration of an analyte at any depth. Therefore, results for the same analyte at different depths or different analytes at the same depth may not necessarily be from the same sample location. Soil and soil gas results may not necessarily be from the same sampling period. All groundwater results available for each well on the site are listed for analytes where concentrations are above background and are attributable to the site. Insufficient information was available for results listed as DCA, DCE, and TCA to classify their isomer.

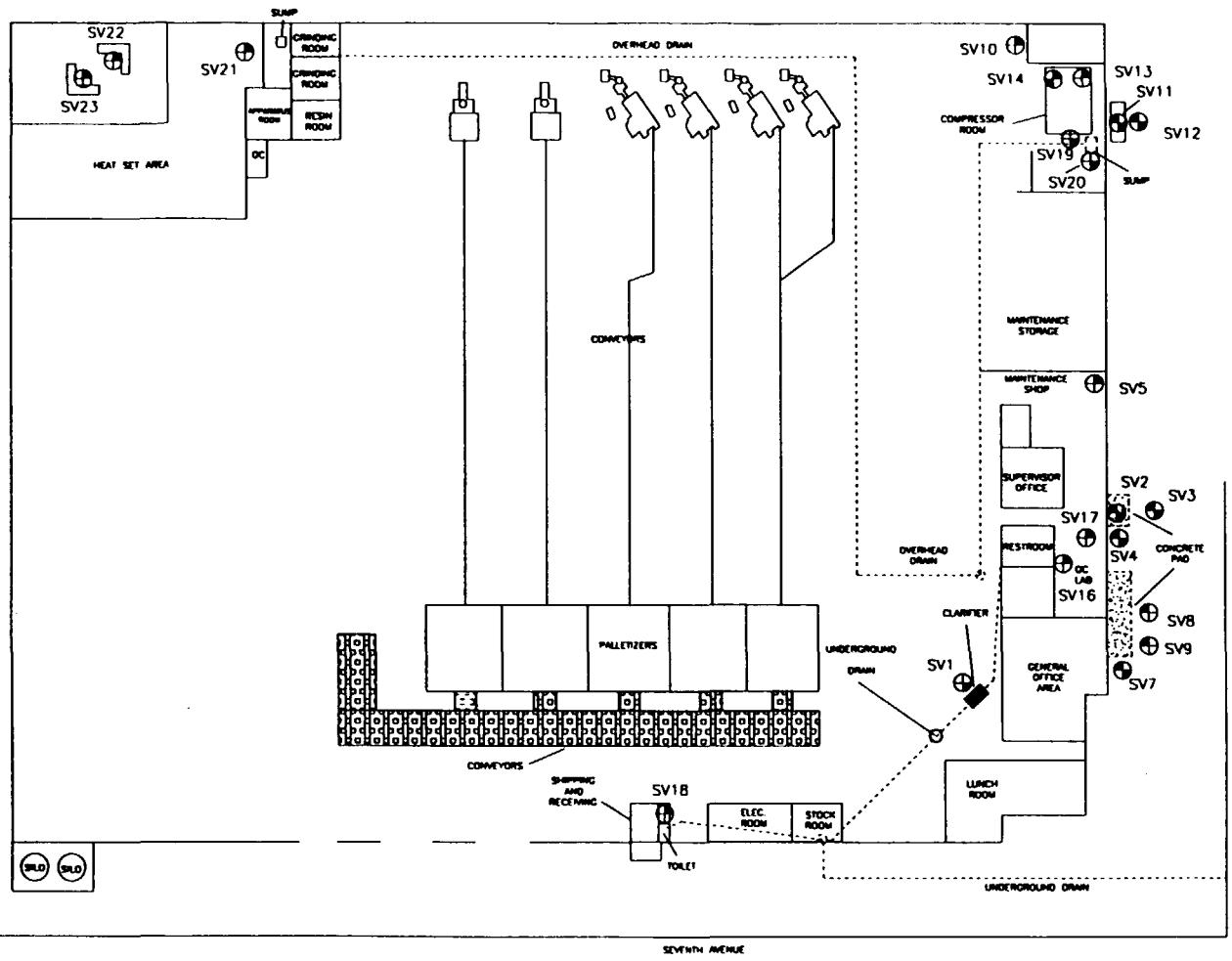
Johnson Depth Soil (cm)	DCA	1,1-DCE	DCE	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA	1,1,1-TCA	TCA
5	ND	10.6	ND	ND	ND	2.5	1.8	7	30.6	6	47.1	3.6	3.6	ND	ND	ND	ND	ND	ND
10	.9	.9	.9	ND	ND	1.4	1.4	ND	ND	ND	ND	2.9	ND	ND	ND	ND	ND	ND	ND
15	1.4	1.4	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Soil						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

100 65 100 100



 <b>AeroVironment</b> Environmental Services Inc.			
Scale Date	NONE 1/29/97	<b>FACILITY LOCATION MAP</b>	
		Drawn By Project No	M.Jager 900009
<b>Johnson Control Inc.</b> 315 Seventh Street City of Industry, California			

FIGURE 1



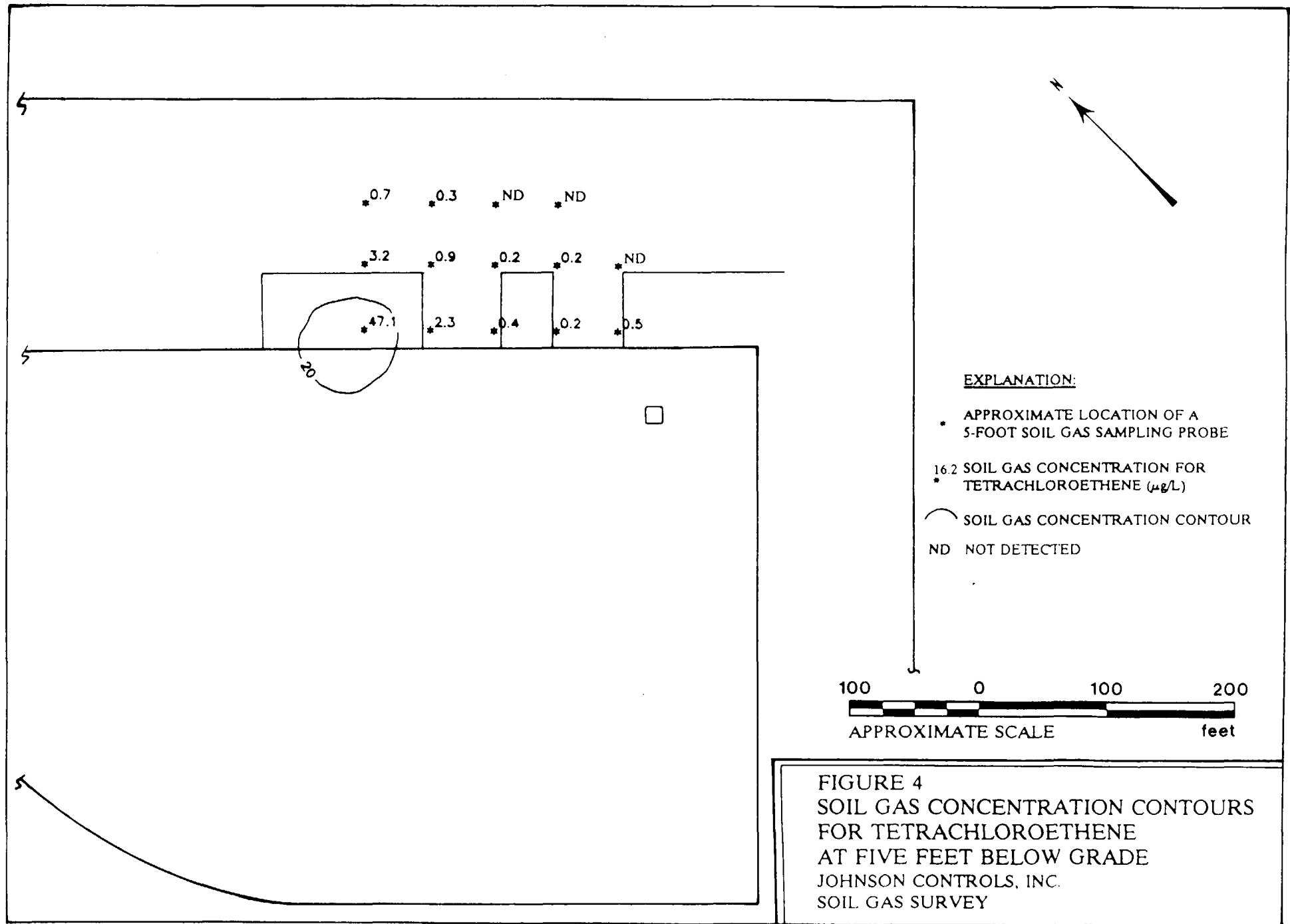
#### LEGEND

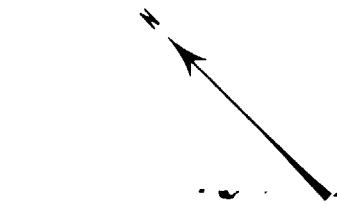
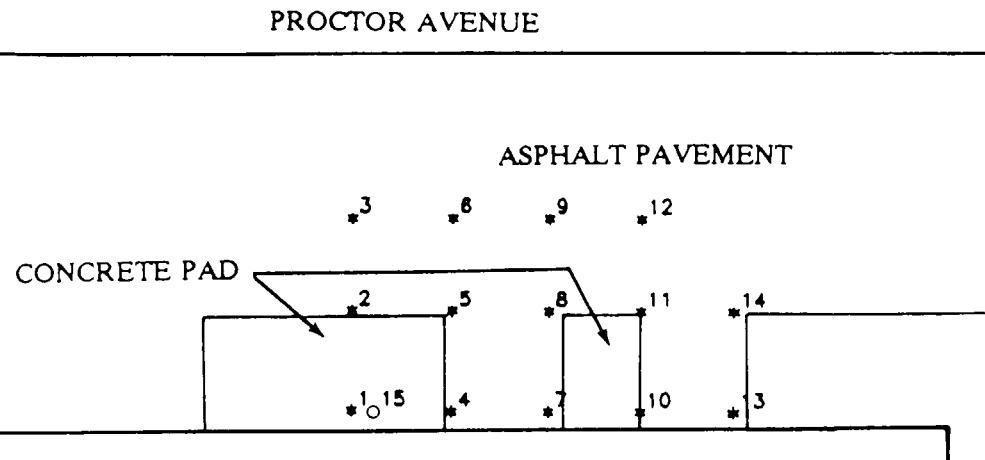
- ⊕ LOCATION OF SOIL VAPOR PROBE AT 5 FEET BGS.
- ⊕ LOCATION OF SOIL VAPOR PROBE AT 10 FEET BGS.
- ⊕ LOCATION OF SOIL VAPOR PROBE AT 15 FEET BGS.
- ⊕ LOCATION OF SOIL VAPOR PROBE AT 20 FEET BGS.
- ⊕ LOCATION OF SOIL VAPOR PROBES AT 5 AND 15 FEET BGS.
- ⊕ LOCATION OF SOIL VAPOR PROBES AT 10 AND 20 FEET BGS.

<i>AeroVironment</i>	
ENVIRONMENTAL SERVICES INC.	
None	S. BERG
12/05/96	SOIL VAPOR SAMPLE LOCATIONS
Johnson Control Inc. 315 Seventh Street City of Industry, California	

## **SOIL GAS INVESTIGATION:**

**- JOHNSON CONTROLS, INC. (1993 & 1997)**



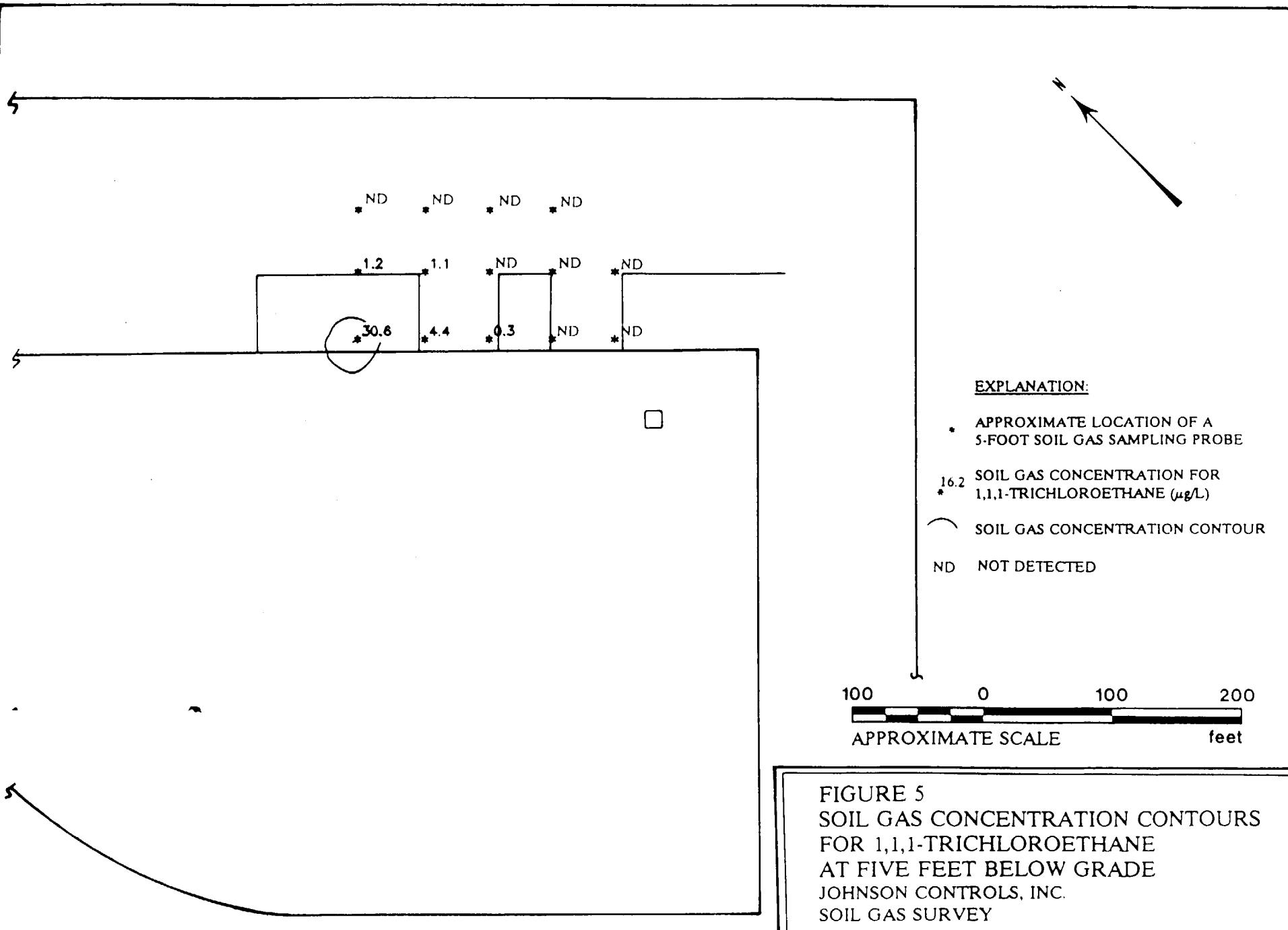


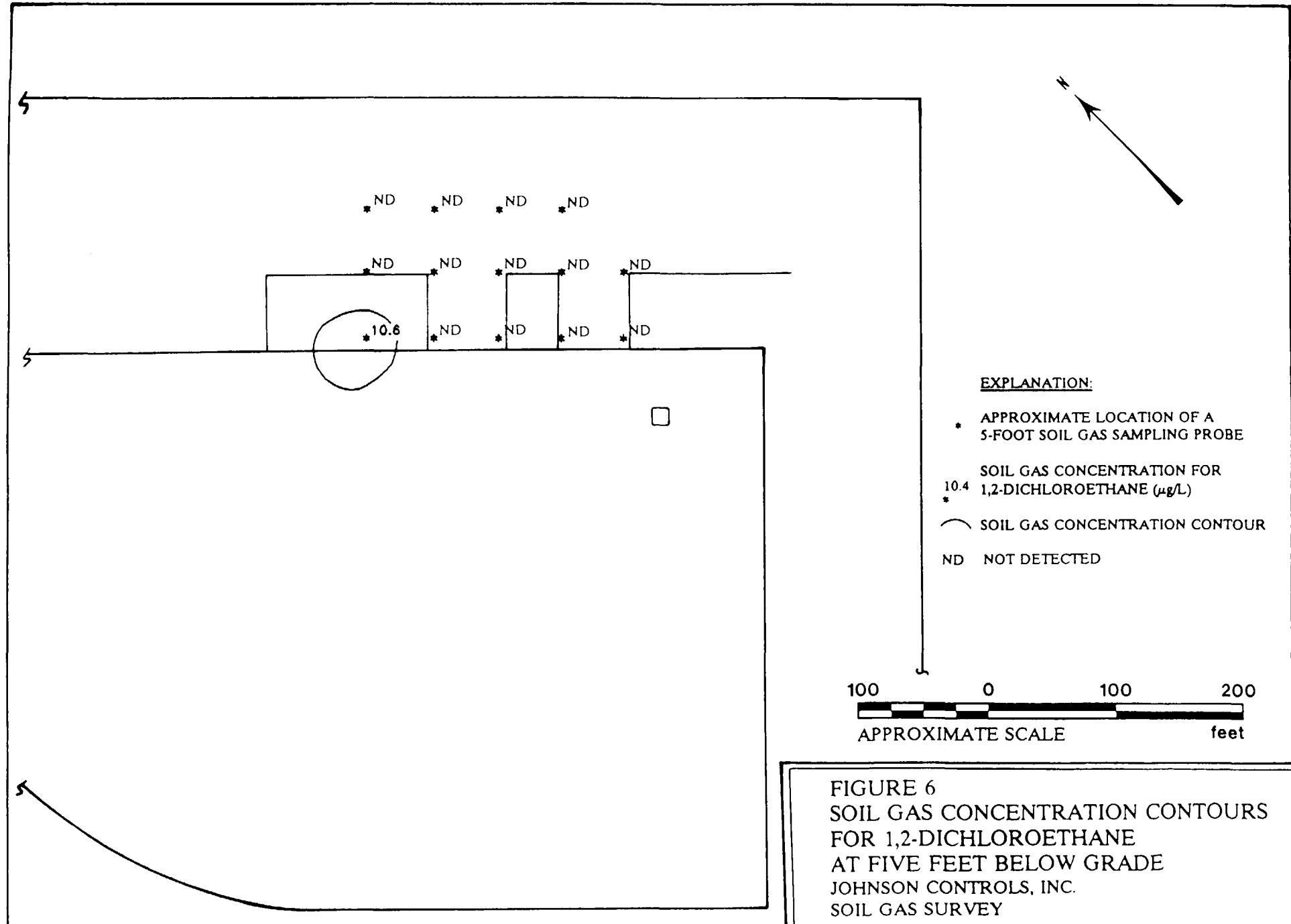
EXPLANATION:

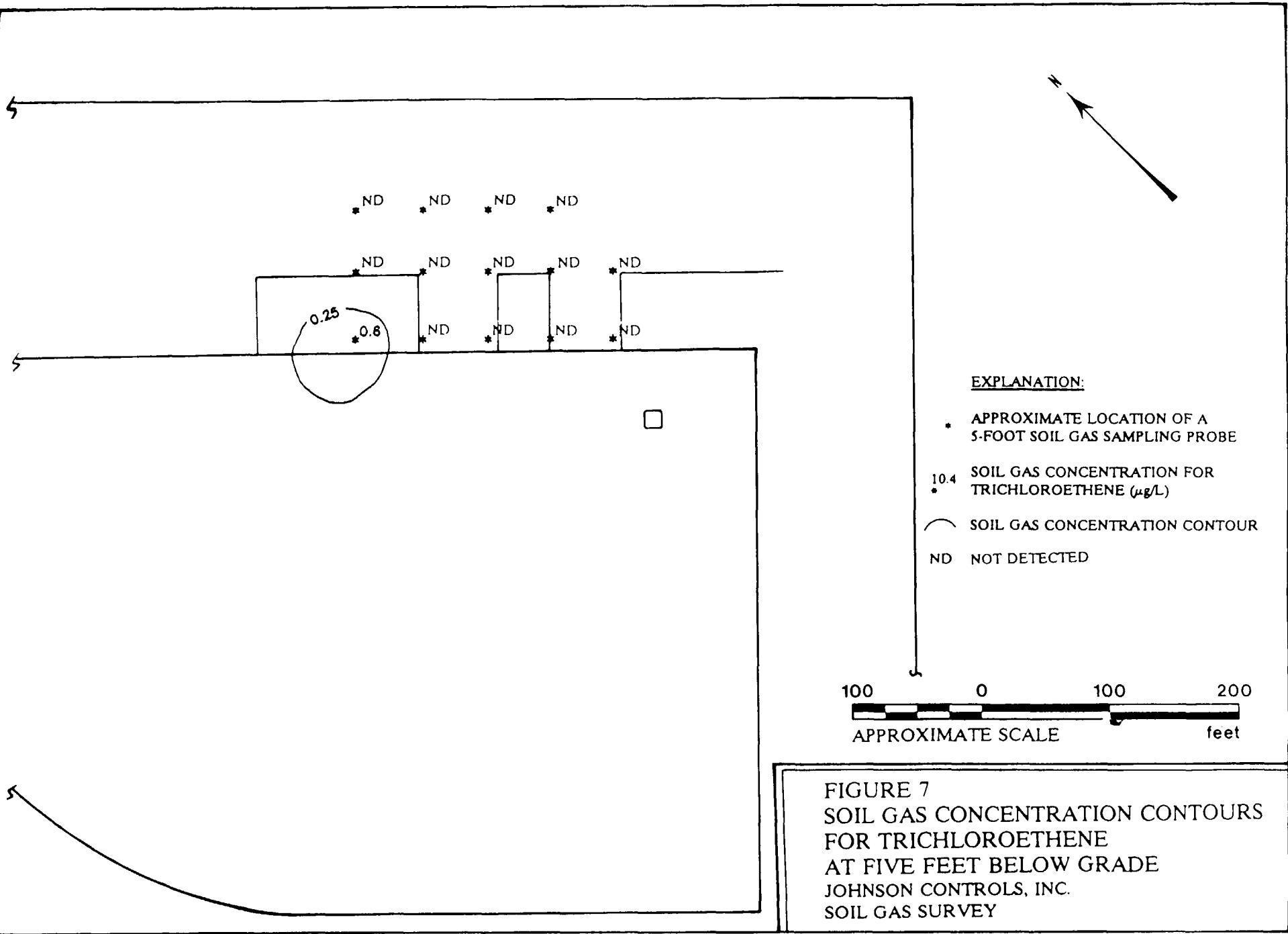
- APPROXIMATE LOCATION OF A 5-FOOT SOIL GAS SAMPLING PROBE
- APPROXIMATE LOCATION OF A 15-FOOT SOIL GAS SAMPLING PROBE

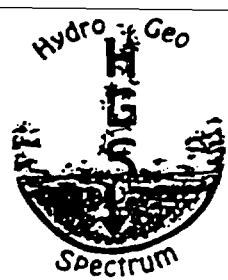


FIGURE 1  
APPROXIMATE LOCATIONS OF  
SOIL GAS SAMPLING PROBES  
JOHNSON CONTROLS, INC.  
SOIL GAS SURVEY









## RESULTS AND DISCUSSION

Low concentrations of the following compounds were observed:

Tetrachloroethene (PCE)	0.6-2.8 µg/L
1,1,1-Trichloroethane (TCA)	0.6-1.4 µg/L
1,1-Dichloroethane (DCA)	0.9-1.4 µg/L
1,1-Dichloroethene (DCE)	0.6 µg/L

All QA/QC requirements of both HydroGeoSpectrum (HGS) and LAR WQCB were met.

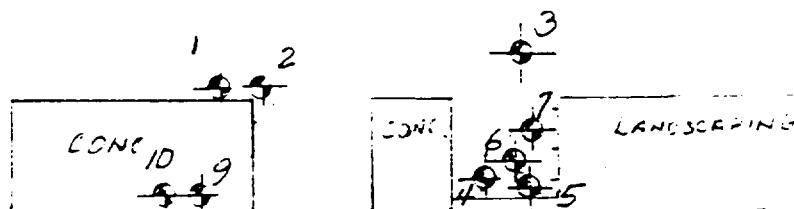
**1997 DATA**

# **CLARIFIER INVESTIGATION**

**(JOHNSON CONTROLS, INC.)**

PROCTOR AVE

AC. Pumt.



~ EXIST BUILDING ~

LEGEND

—●— INDICATES APPROX LOCATION  
OF BORINGS



TRIAD GEOTECHNICAL CONSULTANTS INC.

Consulting Geologists - Soils Engineering

Job no: 91-012

Date: 2-4-91 Scale: 1" = 100'

By: E.S.

REV 4-15-91

PLATE A

**TABLE 1**  
**SUMMARY OF FIELD ANALYSES DATA**  
**JOHNSON CONTROLS**  
**CITY OF INDUSTRY, CALIFORNIA**  
 (concentrations are reported in micrograms per liter (ug/L))

File: JOHNSON\078T1

PROBE	DEPTH	DATE SAMPLED	NUMBER OF TIMES SAMPLED	1,1-DCA	1,1,1-TCA	TCE	PCE
SG-1	5-feet	3/17/93	***	10.6	30.6	0.6	47.1
SG-2	5-feet	3/17/93	*	ND	1.2	ND	3.2
SG-3	5-feet	3/17/93	*	ND	ND	ND	0.7
SG-4	5-feet	3/17/93	*	ND	4.4	ND	2.3
SG-5	5-feet	3/17/93	*	ND	1.1	ND	0.9
SG-6	5-feet	3/17/93	*	ND	ND	ND	0.3
SG-7	5-feet	3/17/93	*	ND	0.3	ND	0.4
SG-8	5-feet	3/17/93	*	ND	ND	ND	0.2
SG-9	5-feet	3/17/93	*	ND	ND	ND	ND
SG-10	5-feet	3/17/93	*	ND	ND	ND	0.2
SG-11	5-feet	3/17/93	*	ND	ND	ND	0.2
SG-12	5-feet	3/17/93	*	ND	ND	ND	ND
SG-13	5-feet	3/17/93	*	ND	ND	ND	0.5
SG-14	5-feet	3/17/93	*	ND	ND	ND	ND
SG-15	15-feet	3/17/93	*	ND	0.4	ND	0.9

1,1-DCA = 1,1-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

TCE = Trichloroethene

PCE = Tetrachloroethene (also known as Perchloroethene)

ND = Not detected; constituent is below reportable limit of quantitation

\*Note: Values reported less than 1.0 ug/L are estimated trace values.

Prepared 3/29/93.dp

1993 DATA

## Johnson Soil Vapor Results

LOCATION-	DEPTH	1,1-DCE	1,1-DCA	1,1,1-TCA	PCE
SV1	15	N	N	N	N
SV2	5	N	N	N	N
SV2	15	N	N	N	N
SV3	5	N	N	N	N
SV3	15	N	N	N	N
SV4	5	N	N	N	N
SV4	15	N	N	N	N
SV5	10	N	N	N	0.9
SV7	5	N	N	N	N
SV7	15	N	N	N	N
SV8	5	N	N	N	N
SV9	5	N	N	N	N
SV10	10	N	N	N	N
SV11	5	N	N	0.7	1
SV11	15	N	N	1.4	2.7
SV12	5	N	N	0.6	1
SV12	15	N	N	1.1	2.8
SV13	10	0.6	0.9	0.8	2.3
SV14	10	N	N	N	N
SV14	20	N	N	N	N
SV16	10	N	N	N	N
SV17	10	N	N	N	N
SV18	10	N	N	N	1
SV19	15	N	N	0.6	0.6
SV20	15	0.6	1.4	0.8	0.6
SV21	10	N	N	N	N

N = &lt; 1µg/L

µg/L

**Table 1**  
**SOIL VAPOR SAMPLING DATA (continued)**

LARWQCB Area of Concern	Depth (Ft bgs)	Sample AVES Sample Number	Concentrations (ug/l)			
			DCE	DCA	TCA	PCE
Room	5	SV-11	nd	nd	0.7	1
Adjacent to	15	SV-11	nd	nd	1.4	2.7
Compressor	10	SV-12	nd	nd	0.6	1
Room	10	SV-14	nd	nd	nd	nd
	20	SV-14	nd	nd	nd	nd
<hr/>						
Floor Drains	10	SV-16	nd	nd	nd	nd
	10	SV-17	nd	nd	nd	nd
	10	SV-18	nd	nd	nd	1
	10	SV-22 *	nd	nd	1.3	nd
	10	SV-23 *	0.9	nd	2.5	3.6
<hr/>						
Former Grinding Room	15	SV-19	nd	nd	0.6	0.6
Sump	15	SV-20	0.6	1.4	0.8	0.6
<hr/>						
Sump in SW	10	SV-21	nd	nd	nd	nd
<hr/>						
Maintenance Shop	10	SV-5 **	nd	nd	nd	0.9

\* - Added based on the results of the on-site meeting held on January 30, 1997 with AVES, the LARWQCB and JCI.

\*\* - Maintenance shop sample SV-5 was added in the field based on observations.

The Laboratory Reports (see Attachment B) provide a summary of all results as well as all quantitation, QA/QC and sample handling documentation.

**Table 1**  
**SOIL VAPOR SAMPLING DATA**

<b>LARWQCB</b> <b>Area of Concern</b>	<b>Depth (Ft bgs)</b>	<b>Sample</b> <b>AVES Sample Number</b>	<b>Concentrations (ug/l)</b>			
			<b>DCE</b>	<b>DCA</b>	<b>TCA</b>	<b>PCE</b>
Clarifier	15	SV-1	nd	nd	nd	nd
ETS SG-1 3, 4, 7, 10 and 15	5	SV-2	nd	nd	nd	nd
	5	SV-3	nd	nd	nd	nd
	5	SV-4	nd	nd	nd	nd
	5	SV-7	nd	nd	nd	nd
	5	SV-11	nd	nd	0.7	1
	5	SV-12	nd	nd	0.6	1
ETS SG-1 3, 4, 7, 10 and 15	15	SV-2	nd	nd	nd	nd
	15	SV-3	nd	nd	nd	nd
	15	SV-4	nd	nd	nd	nd
	15	SV-7	nd	nd	nd	nd
	15	SV-11	nd	nd	1.4	2.7
	15	SV-12	nd	nd	1.1	2.8
Hazardous Waste Storage Area	5	SV-8	nd	nd	nd	nd
	5	SV-9	nd	nd	nd	nd
Former Compressor Room	10	SV-10	nd	nd	nd	nd
	10	SV-13	0.6	0.9	0.8	2.3

# **SOIL INVESTIGATION**

**(JOHNSON CONTROLS, INC.)**



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 1 @ 1 2 @ 1 3 @ 1

Lab No. : 24605 24606 24607

ANALYTES/METHOD		RESULTS	R.L.	UNITS
TRPH (non-polar)	418.1	24	ND	10 mg/Kg

ND - Not Detected at the Reporting Limit

page: 2



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street  
NET Job No.: 4011A  
NET Pacific, Inc. Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	1 @ 1	2 @ 1	3 @ 1
Lab No. :	24605	24606	24607

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-22-91	03-22-91	03-22-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES	--	--	--
Bromodichloromethane	ND	ND	5 ug/Kg
Bromform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chlorobethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 1@1 2@1 3@1

Lab No. : 24605 24606 24607

ANALYTES/METHOD	RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>			
Benzene	ND	ND	5
Ethylbenzene	ND	ND	5
Toluene	ND	ND	5
Xylenes, total	ND	ND	10
Surrogate Spike	--	--	
2-Chlorotoluene	94	94	92
			% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 3 @ 10      4 @ 1      4 @ 5

Lab No. : 24608      24609      24610

ANALYTES/METHOD	RESULTS	R.L.	UNITS
TRPH (non-polar) 418.1	ND	ND	10 mg/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th StreetNET Job No.: 4011A  
Lab Series : 24605-24633Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 3 @ 10      4 @ 1      4 @ 5

Lab No. : 24608      24609      24610

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-22-91	03-22-91	03-22-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES	--	--	--
Bromodichloromethane	ND	ND	5 ug/Kg
Bromoform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Pacific, Inc.

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 3 @ 10      4 @ 1      4 @ 5

Lab No. : 24608      24609      24610

ANALYTES/METHOD	RESULTS			R.L.	UNITS
<b>AROMATIC VOLATILES</b>					
Benzene	ND	ND	ND	5	ug/Kg
Ethylbenzene	ND	ND	ND	5	ug/Kg
Toluene	ND	ND	ND	5	ug/Kg
Xylenes, total	ND	ND	ND	10	ug/Kg
Surrogate Spike	--	--	--		
2-Chlorotoluene	95	98	92		% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 5@1 5@5 6@1

Lab No. : 24611 24612 24613

ANALYTES/METHOD		RESULTS	R.L.	UNITS
TRPH (non-polar)	418.1	ND	ND	10 mg/Kg

ND - Not Detected at the Reporting Limit



NET Pacific Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 5 @ 1      5 @ 5      6 @ 1

Lab No. : 24611      24612      24613

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-23-91	03-23-91	03-23-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES	--	--	--
Bromodichloromethane	ND	ND	5 ug/Kg
Bromoform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Pacific, Inc.

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 5 @ 1      5 @ 5      6 @ 1

Lab No. : 24611      24612      24613

ANALYTES/METHOD	RESULTS			R.L.	UNITS
<b>AROMATIC VOLATILES</b>					
Benzene	ND	ND	ND	5	ug/Kg
Ethylbenzene	ND	ND	ND	5	ug/Kg
Toluene	ND	ND	ND	5	ug/Kg
Xylenes, total	ND	ND	ND	10	ug/Kg
Surrogate Spike	--	--	--		
2-Chlorotoluene	94	95	98		% Rec

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 7 @ 1 8 @ 2 9 @ 1

Lab No. : 24614 24615 24616

ANALYTES/METHOD		RESULTS	R.L.	UNITS
TRPH (non-polar)	418.1	ND	28	ND
			10	mg/Kg

ND - Not Detected at the Reporting Limit

page: 11



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th StreetNET Job No.: 4011A  
Lab Series : 24605-24633Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	701	802	901
Lab No. :	24614	24615	24616

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-23-91	03-23-91	03-22-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES	--	--	--
Bromodichloromethane	ND	ND	5 ug/Kg
Bromoform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 7@1 8@2 9@1

Lab No. : 24614 24615 24616

ANALYTES/METHOD	RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>			
Benzene	ND	ND	5 ug/Kg
Ethylbenzene	ND	ND	5 ug/Kg
Toluene	ND	ND	5 ug/Kg
Xylenes, total	ND	ND	10 ug/Kg
Surrogate Spike	--	--	
2-Chlorotoluene	93	100	112 % Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 10 @ 1

Lab No. : 24617

ANALYTES/METHOD	RESULTS	R.L.	UNITS
TRPH (non-polar) 418.1	68	10	mg/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 10 @ 1

Lab No. : 24617

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91		
Date Analyzed	03-22-91		
Reporting Limit Multiplier	1		
HALOGENATED VOLATILES	--		
Bromodichloromethane	ND	5	ug/Kg
Bromoform	ND	10	ug/Kg
Bromomethane	ND	10	ug/Kg
Carbon tetrachloride	ND	5	ug/Kg
Chlorobenzene	ND	5	ug/Kg
Chloroethane	ND	10	ug/Kg
2-Chloroethylvinyl ether	ND	10	ug/Kg
Chloroform	ND	5	ug/Kg
Chloromethane	ND	10	ug/Kg
Dibromochloromethane	ND	5	ug/Kg
1,2-Dichlorobenzene	ND	5	ug/Kg
1,3-Dichlorobenzene	ND	5	ug/Kg
1,4-Dichlorobenzene	ND	5	ug/Kg
Dichlorodifluoromethane	ND	10	ug/Kg
1,1-Dichloroethane	ND	5	ug/Kg
1,2-Dichloroethane	ND	5	ug/Kg
1,1-Dichloroethane	ND	5	ug/Kg
trans-1,2-Dichloroethene	ND	5	ug/Kg
1,2-Dichloropropane	ND	5	ug/Kg
cis-1,3-Dichloropropene	ND	5	ug/Kg
trans-1,3-Dichloropropene	ND	5	ug/Kg
Methylene chloride	ND	10	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5	ug/Kg
Tetrachloroethene	257	5	ug/Kg
1,1,1-Trichloroethane	37	5	ug/Kg
1,1,2-Trichloroethane	ND	5	ug/Kg
Trichloroethene	ND	5	ug/Kg
Trichlorofluoromethane	ND	10	ug/Kg
Vinyl chloride	ND	10	ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011A  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 10 @ 1

Lab No. : 24617

ANALYTES/METHOD	RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>			
Benzene	ND	5	ug/Kg
Ethylbenzene	ND	5	ug/Kg
Toluene	ND	5	ug/Kg
Xylenes, total	ND	10	ug/Kg
Surrogate Spike	--		
2-Chlorotoluene	101		%

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Pacific, Inc.

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	1 @ 5	1 @ 10	2 @ 5
Lab No. :	24618	24619	24620

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-22-91	03-22-91	03-22-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES			
Bromodichloromethane	ND	ND	ND
Bromoform	ND	ND	ND
Bromomethane	ND	ND	ND
Carbon tetrachloride	ND	ND	ND
Chlorobenzene	ND	ND	ND
Chloroethane	ND	ND	ND
2-Chloroethylvinyl ether	ND	ND	ND
Chloroform	ND	ND	ND
Chloromethane	ND	ND	ND
Dibromochloromethane	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND
Dichlorodifluoromethane	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND
Methylene chloride	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND
Tetrachloroethene	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND
Trichloroethene	ND	ND	ND
Trichlorofluoromethane	ND	ND	ND
Vinyl chloride	ND	ND	ND

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	1@5	1@10	2@5
Lab No. :	24618	24619	24620

ANALYTES/METHOD	RESULTS			R.L.	UNITS
<b>AROMATIC VOLATILES</b>					
Benzene	ND	ND	ND	5	ug/Kg
Ethylbenzene	ND	ND	ND	5	ug/Kg
Toluene	ND	ND	ND	5	ug/Kg
Xylenes, total	ND	ND	ND	10	ug/Kg
Surrogate Spike	--	--	--		
2-Chlorotoluene	103	101	104		% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	2 @ 10	3 @ 5	4 @ 10
Lab No. :	24621	24622	24623

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-22-91	03-23-91	03-23-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES			
Bromodichloromethane	ND	ND	5 ug/Kg
Bromoform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 2 @ 10      3 @ 5      4 @ 10

Lab No. : 24621      24622      24623

ANALYTES/METHOD		RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>				
Benzene	ND	ND	5	ug/Kg
Ethylbenzene	ND	ND	5	ug/Kg
Toluene	ND	ND	5	ug/Kg
Xylenes, total	ND	ND	10	ug/Kg
Surrogate Spike	--	--	--	
2-Chlorotoluene	95	90	84	% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 5 @ 10      6 @ 5      6 @ 10

Lab No. : 24624      24625      24626

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-23-91	03-23-91	03-23-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES			
Bromoform	ND	ND	5 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	10 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chloromethane	ND	ND	10 ug/Kg
Dibromochloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 5 @ 10      6 @ 5      6 @ 10

Lab No. : 24624      24625      24626

ANALYTES/METHOD		RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>				
Benzene	ND	ND	ND	5 ug/Kg
Ethylbenzene	ND	ND	ND	5 ug/Kg
Toluene	ND	ND	ND	5 ug/Kg
Xylenes, total	ND	ND	ND	10 ug/Kg
Surrogate Spike	--	--	--	
2-Chlorotoluene	90	90	88	% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th StreetNET Job No.: 4011B  
Lab Series : 24605-24633Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID :	7 @ 5	7 @ 10	8 @ 5
Lab No. :	24627	24628	24629

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91	03-19-91	03-19-91
Date Analyzed	03-23-91	03-23-91	03-23-91
Reporting Limit Multiplier	1	1	1
HALOGENATED VOLATILES	--	--	
Bromodichloromethane	ND	ND	5 ug/Kg
Bromoform	ND	ND	10 ug/Kg
Bromomethane	ND	ND	10 ug/Kg
Carbon tetrachloride	ND	ND	5 ug/Kg
Chlorobenzene	ND	ND	5 ug/Kg
Chloroethane	ND	ND	10 ug/Kg
2-Chloroethylvinyl ether	ND	ND	10 ug/Kg
Chloroform	ND	ND	5 ug/Kg
Chlormethane	ND	ND	10 ug/Kg
Dibromodichloromethane	ND	ND	5 ug/Kg
1,2-Dichlorobenzene	ND	ND	5 ug/Kg
1,3-Dichlorobenzene	ND	ND	5 ug/Kg
1,4-Dichlorobenzene	ND	ND	5 ug/Kg
Dichlorodifluoromethane	ND	ND	10 ug/Kg
1,1-Dichloroethane	ND	ND	5 ug/Kg
1,2-Dichloroethane	ND	ND	5 ug/Kg
1,1-Dichloroethene	ND	ND	5 ug/Kg
trans-1,2-Dichloroethene	ND	ND	5 ug/Kg
1,2-Dichloropropane	ND	ND	5 ug/Kg
cis-1,3-Dichloropropene	ND	ND	5 ug/Kg
trans-1,3-Dichloropropene	ND	ND	5 ug/Kg
Methylene chloride	ND	ND	10 ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5 ug/Kg
Tetrachloroethene	ND	ND	5 ug/Kg
1,1,1-Trichloroethane	ND	ND	5 ug/Kg
1,1,2-Trichloroethane	ND	ND	5 ug/Kg
Trichloroethene	ND	ND	5 ug/Kg
Trichlorofluoromethane	ND	ND	10 ug/Kg
Vinyl chloride	ND	ND	10 ug/Kg

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011B  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 7@5 7@10 8@5

Lab No. : 24627 24628 24629

ANALYTES/METHOD	RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>			
Benzene	ND	ND	ND
Ethylbenzene	ND	ND	ND
Toluene	ND	ND	ND
Xylenes, total	ND	ND	ND
Surrogate Spike	--	--	--
2-Chlorotoluene	100	93	88
			% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th StreetNET Job No.: 4011B  
Lab Series : 24605-24633Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 9 @ 5      10 @ 5

Lab No. : 24630      24631

ANALYTES/METHOD		RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.				
Date Extracted	03-19-91	03-19-91		
Date Analyzed	03-25-91	03-26-91		
Reporting Limit Multiplier	1	1		
HALOGENATED VOLATILES	--	--		
Bromo dichloromethane	ND	ND	5	ug/Kg
Bromoform	ND	ND	10	ug/Kg
Bromomethane	ND	ND	10	ug/Kg
Carbon tetrachloride	ND	ND	5	ug/Kg
Chlorobenzene	ND	ND	5	ug/Kg
Chloroethane	ND	ND	10	ug/Kg
2-Chloroethylvinyl ether	ND	ND	10	ug/Kg
Chloroform	ND	ND	5	ug/Kg
Chloromethane	ND	ND	10	ug/Kg
Dibromo dichloromethane	ND	ND	5	ug/Kg
1,2-Dichlorobenzene	ND	ND	5	ug/Kg
1,3-Dichlorobenzene	ND	ND	5	ug/Kg
1,4-Dichlorobenzene	ND	ND	5	ug/Kg
Dichlorodifluoromethane	ND	ND	10	ug/Kg
1,1-Dichloroethane	ND	ND	5	ug/Kg
1,2-Dichloroethane	ND	ND	5	ug/Kg
1,1-Dichloroethene	ND	ND	5	ug/Kg
trans-1,2-Dichloroethene	ND	ND	5	ug/Kg
1,2-Dichloropropane	ND	ND	5	ug/Kg
cis-1,3-Dichloropropene	ND	ND	5	ug/Kg
trans-1,3-Dichloropropene	ND	ND	5	ug/Kg
Methylene chloride	ND	ND	10	ug/Kg
1,1,2,2-Tetrachloroethane	ND	ND	5	ug/Kg
Tetrachloroethene	ND	ND	5	ug/Kg
1,1,1-Trichloroethane	ND	ND	5	ug/Kg
1,1,2-Trichloroethane	ND	ND	5	ug/Kg
Trichloroethene	ND	ND	5	ug/Kg
Trichlorofluoromethane	ND	ND	10	ug/Kg
Vinyl chloride	ND	ND	10	ug/Kg

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Pacific, Inc.

NET Job No.: 40118  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Soil

Sample ID : 9 @ 5 10 @ 5

Lab No. : 24630 24631

ANALYTES/METHOD	RESULTS	R.L.	UNITS
AROMATIC VOLATILES			
Benzene	ND	5	ug/Kg
Ethylbenzene	ND	5	ug/Kg
Toluene	ND	5	ug/Kg
Xylenes, total	ND	10	ug/Kg
Surrogate Spike	--		
2-Chlorotoluene	115	119	% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011C Date Reported: 03-20-91  
Lab Series : 24605-24633 Date Received: 03-13-91 1215

Matrix : Waste Water

Sample ID : Clarifier Water  
Lab No. : 24632

ANALYTES/METHOD	RESULTS	R.L.	UNITS
-----------------	---------	------	-------

METHOD 8010/8020 COMB.

Date Analyzed 03-15-91

Reporting Limit Multiplier 1

HALOGENATED VOLATILES

Bromodichloromethane	ND	0.5	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
Carbon tetrachloride	ND	0.5	ug/L
Chlorobenzene	ND	0.5	ug/L
Chloroethane	ND	1.0	ug/L
2-Chloroethylvinyl ether	ND	1.0	ug/L
Chloroform	ND	0.5	ug/L
Chloromethane	ND	1.0	ug/L
Dibromochloromethane	ND	0.5	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
1,1-Dichloroethene	ND	0.5	ug/L
trans-1,2-Dichloroethene	ND	0.5	ug/L
1,2-Dichloropropane	ND	0.5	ug/L
cis-1,3-Dichloropropene	ND	0.5	ug/L
trans-1,3-Dichloropropene	ND	0.5	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L
Tetrachloroethene	ND	0.5	ug/L
1,1,1-Trichloroethane	ND	0.5	ug/L
1,1,2-Trichloroethane	ND	0.5	ug/L
Trichloroethene	ND	0.5	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011C Date Reported: 03-20-91  
Lab Series : 24605-24633 Date Received: 03-13-91 1215

Matrix : Waste Water

Sample ID : Clarifier Water  
Lab No. : 24632

ANALYTES/METHOD	RESULTS	R.L.	UNITS
<b>AROMATIC VOLATILES</b>			
Benzene	ND	0.5	ug/L
Ethylbenzene	ND	0.5	ug/L
Toluene	ND	0.5	ug/L
Xylenes, total	ND	0.5	ug/L
Surrogate Spike	--		
2-Chlorotoluene	94		% Rec

ND - Not Detected at the Reporting Limit



NET Pacific, Inc.

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011D  
Lab Series : 24605-24633

Date Reported: 03-28-91  
Date Received: 03-13-91 1215

Matrix : Solid Waste

Sample ID : Clarifier Sludge  
Lab No. : 24633

---

ANALYTES/METHOD	RESULTS	R.L.	UNITS
TRPH (non-polar)	418.1	25,100	10
			mg/Kg

---

ND - Not Detected at the Reporting Limit

**NET**

Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street  
NET Job No.: 4011D Date Reported: 03-28-91  
NET Pacific Inc Lab Series : 24605-24633 Date Received: 03-13-91 1215

ANALYTES/METHOD	RESULTS	R.L.	UNITS
METHOD 8010/8020 COMB.			
Date Extracted	03-19-91		
Date Analyzed	03-26-91		
Reporting Limit Multiplier	1		
HALOGENATED VOLATILES	--		
Bromodichloromethane	ND	5	ug/Kg
Bromoform	ND	10	ug/Kg
Bromomethane	ND	10	ug/Kg
Carbon tetrachloride	ND	5	ug/Kg
Chlorobenzene	ND	5	ug/Kg
Chloroethane	ND	10	ug/Kg
2-Chloroethylvinyl ether	ND	10	ug/Kg
Chloroform	ND	5	ug/Kg
Chloromethane	ND	10	ug/Kg
Dibromochloromethane	ND	5	ug/Kg
1,2-Dichlorobenzene	ND	5	ug/Kg
1,3-Dichlorobenzene	ND	5	ug/Kg
1,4-Dichlorobenzene	ND	5	ug/Kg
Dichlorodifluoromethane	ND	10	ug/Kg
1,1-Dichloroethane	ND	5	ug/Kg
1,2-Dichloroethane	ND	5	ug/Kg
1,1-Dichloropropene	ND	5	ug/Kg
trans-1,2-Dichloroethene	ND	5	ug/Kg
1,2-Dichloropropane	ND	5	ug/Kg
Cis-1,3-Dichloropropene	ND	5	ug/Kg
trans-1,3-Dichloropropene	ND	10	ug/Kg
Methylene chloride	ND	5	ug/Kg
1,1,2,2-Tetrachloroethane	ND	5	ug/Kg
Tetrachloroethene	ND	5	ug/Kg
1,1,1-Trichloroethane	12	5	ug/Kg
1,1,2-Trichloroethane	ND	5	ug/Kg
Trichloroethene	ND	5	ug/Kg
Trichlorofluoromethane	ND	10	ug/Kg
Vinyl chloride	ND	10	ug/Kg

ND - Not Detected at the Reporting Limit



Client Name: Triad Geotechnical  
Client Ref.: 91-12 315 S. 7th Street

NET Job No.: 4011D Date Reported: 03-28-91  
Lab Series : 24605-24633 Date Received: 03-13-91 1215

Matrix : Solid Waste

Sample ID : Clarifier Sludge  
Lab No. : 24633

ANALYTES/METHOD	RESULTS	R.L.	UNITS
AROMATIC VOLATILES			
Benzene	ND	5	ug/Kg
Ethylbenzene	ND	5	ug/Kg
Toluene	ND	5	ug/Kg
Xylenes, total	ND	10	ug/Kg
Surrogate Spike	--		
2-Chlorotoluene	24*		% Rec

\*High oil contamination in the sample.

ND - Not Detected at the Reporting Limit